OCT 2 5 2000

K003221

510(k) Summary
(As Required by 21 C.F.R. §807.92)

Submitted by: Harald Nordin
President
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Date of summary: August 31, 2000

Device name: Harald Nordin Glassix® glass fiber dental posts

Common name: Glass fiber composite root canal post

Classification names:

Regulation Number	Classification Name
872.3810	Dental root canal post

Predicate Device: The modified device is substantially equivalent to the previously cleared Harald Nordin Screw Post (K931396).

Modifications: The primary modifications are changes to the material and dimensions.

Intended Use: The modified device has the same intended use as the legally marketed predicate device. The Harald Nordin Glassix® glass fiber composite post is intended for use by dentists to give retention for reconstruction of non-vital teeth.

Technological Characteristics: The modified device has the same technological characteristics as the legally marketed predicate device mechanically supporting reconstruction.

Testing: ISO 10993-5 "Biological evaluation of medical devices – Tests for Cytotoxicity: in vitro methods" was conducted and shows no evidence of a cytotoxic response. Mechanical tests were conducted in conformance with ASTM D790 Three-point Bending Standard and ASTM C623-71, and results showed the material to be suitable for root canal posts.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

OCT 25 2000

Harald Nordin S.A
C/O Mr. James Delaney
Expertech Associate, Incorporated
100 Main Street, Suite 120
Concord, Massachusetts 01742

Re: K003221
Trade Name: Harald Nordin Glassix Glass Fiber Composite Dental Post
Regulatory Class: I
Product Code: ELR
Dated: October 6, 2000
Received: October 16,2000

Dear Mr. Delaney:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note:

this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

3.1 ODE Indications Statement

K003221

Indications for Use Statement

510(k) Number (if known) K003221

Device Name Harald Nordin Glassix® glass fiber composite posts, also distributed as Hager Mirafit White.

Indications for Use The Harald Nordin Glassix® posts are intended for use by dentists to give retention for reconstruction of non-vital teeth.

PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓ (Per 21 CFR 801.109) OR Over-The-Counter Use _____

Sandra L. Shrier DMD, for MSR

(Division Sign-Off)
Division of Dental, Infection Control, and General Hospital Devices
510(k) Number K003221